

15992 U.S.PTO



121703

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING NATIONAL PATENT APPLICATION**  
Under 35 USC 111(a) and Rule 53(b)

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**WITH SIGNED DECLARATION**

**PATENT APPLICATION**

NONPROVISIONAL  
NON REISSUE  
NON PCT NAT PHASE

031088 U.S.PTO  
10/738497



121703

Sir:

Herewith is the **PATENT APPLICATION** of  
Inventor(s): DANIEL MOSCARITOLO, et al.

Title **SINGLE-BODY DUAL-CHIP ORTHOGONAL SENSING  
TRANSIT-TIME FLOW DEVICE USING A PARABOLIC  
REFLECTING SURFACE**

Atty. Dkt.: 306011 | 71403  
C-M Client Ref

including:

Date: December 17, 2003

1. Specification: 19 pages (only spec. and claims)  Specification in non-English language
3. Declaration  Original  Facsimile/Copy  Abstract 1 page(s); 98 numbered claims
4.  Drawings: 11 sheet(s)  informal;  formal of size:  A4  11"
5.  See top first page re prior Provisional, National or International application(s). ("X" box only if info is there and do not complete corresponding item 6 or 7). (Prior M# \_\_\_\_\_ SN \_\_\_\_\_ )
6. This application claims benefit of the following prior US application(s), the contents of which are incorporated into this application by this reference:

No.	/	filed	_____
No.	/	filed	_____
No.	/	filed	_____
No. PCT	/	filed	_____ , which

designated the US.

7.  See the attached Preliminary Amendment, which amends the specification to claim benefit of the above listed US application(s)
8.  Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.
9.  Assignee D.C. TIGWELL & ASSOCIATES

Address 4133 Cason, Houston, Texas 7700510. **FOREIGN** priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in \_\_\_\_\_

11. \_\_\_\_\_ (country)

Application No.	Filing Date	Application No.	Filing Date
(1)		(2)	
(3)		(4)	
(5)		(6)	
(7)		(8)	
(9)		<input type="checkbox"/> See 3 <sup>rd</sup> page for additional priorities	

12. \_\_\_\_\_ (No.) Certified copy (copies):  attached;  previously filed (date) \_\_\_\_\_  
in U.S. Application No. / filed on \_\_\_\_\_
13. Small entity status →  is not claimed;  is claimed (Pre-filing confirmation required)
- 13(a).  Attached: \_\_\_\_\_ (No.) Small Entity Statement(s) (since 9/8/00 small entity statement(s) not essential to make claim)
- 13(b)  See NONPUBLICATION REQUEST under Rule 213(a) attached (PAT-258)

14. DOMESTIC/INTERNATIONAL priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1)		(4)	
(2)		(5)	
(3)		(6)	

15.  This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.

16.  Attached:

17.  Preliminary Amendment:

**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED**

		Large/Small Entity		Fee Code
18. Basic Filing Fee		\$770/\$385	\$770	1001/2001
19. Total Effective Claims	98	minus 20 = *78	x \$18/\$9 = + 1404	1202/2202
20. Independent Claims	13	minus 3 = *10	x \$86/\$43 = + 860	1201/2201
*If answer is zero or less, enter "0"				
21. If any proper multiple dependent claim (ignore improper) is present, add (Leave this line blank if this is a reissue application)		+ \$290/\$145	+ 0	1203/2203
22.		TOTAL FILING FEE =	\$3034	
23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee		+ \$130	+ 0	1053
24. If "assignment" box 8 is X'd, add recording fee		+ \$40	+ 40	8021
25. <input type="checkbox"/> Attached is a Petition/Fee under Rule No.		+ \$130	+ 0	1808
26.		TOTAL FEE =	\$3074	
Our Deposit Account No. 03-3975		PLEASE CHARGE OUR DEP. ACCT.		
Our Order No. _____	C# _____	M# _____		

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

Pillsbury Winthrop LLP  
Intellectual Property Group

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NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
DANIEL K. MOSCARITOLO, et al. ) Art Unit:  
Serial No: ) Examiner:  
Filed: December 17, 2003 )  
For: SINGLE-BODY DUAL-CHIP ORTHOGONAL )  
SENSING TRANSIT-TIME FLOW DEVICE USING)  
A PARABOLIC REFLECTING SURFACE )

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EL 860 936 144 US

Date of Deposit: December 17, 2003

Mail Stop Patent Application  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

I hereby certify that

- Letter of transmittal  
 checks totaling \$3,034.00 as filing fee  
 patent application (19 pages of specification; 98 claims; 1 pages of abstract  
 11 sheet(s) of formal drawings  
 Declaration (signed X unsigned       )  
 executed Assignment, with Recordation Cover Letter and check in amount of \$40  
 return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above and are addressed to:

Mail Stop Patent Application  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

December 17, 2003

Date of Deposit

Alisa Henley

Name of person mailing papers

Alisa Henley  
Signature